PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Mutsumi KIMURA

Application No.: New U.S. Patent Application

Filed: September 21, 2001 Docket No.: 110423

For: DRIVING METHOD FOR ELECTRO-OPTICAL DEVICE, ELECTRO-OPTICAL DEVICE, AND ELECTRONIC APPARATUS

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 4, 6-9 and 13-14 as follows:

4. (Amended) A driving method for an electro-optical device according to claim 1, wherein a gray-scale is obtained by performing a plurality of set-reset operations, each set-reset operation comprising the setting step and the resetting step.

6. (Amended) A driving method for an electro-optical device according to claim 4, wherein the time interval between the setting step and the resetting step for each of the plurality of set-reset operations is completely different from each other, and the ratio of time intervals for the plurality of set-reset operations is set to be about 1:2: .. :2^n (n is an integer of one or more) based on the minimum time interval.

7. (Amended) A driving method for an electro-optical device according to claim 1, wherein the set signal is a signal for setting the conducting state for the driving transistor

rather than the signal for selecting the conducting state or the non-conducting state of the driving transistor.

8. (Amended) A driving method for an electro-optical device according to claim 1, wherein the electro-optical element comprises an organic electro-luminescence element.

9. (Amended) An electro-optical device driven by the driving method set forth in claim 1.

13. (Amended) An electro-optical device according to claim 10, wherein the electro-optical element comprises an organic electro-luminescence element.

14. (Amended) An electronic apparatus in which the electro-optical device set forth in claim 9 is installed.

REMARKS

Claims 1-14 are pending. By this Preliminary Amendment, claims 4, 6-9 and 13-14 are amended to eliminate multiple dependencies. Prompt and favorable examination on the merits is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Eric D. Morehouse
Registration No. 38,565

JAO:EDM/cmm

Attachment: Appendix

Date: September 21, 2001

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION
Please grant any extension necessary for entry;
Charge any fee due to our Deposit Account No. 15-0461

APPENDIX

Changes to Claims:

The following are marked-up versions of the amended claims:

4. (Amended) A driving method for an electro-optical device according to ~~any one of claims 1 to 3,~~ claim 1, wherein a gray-scale is obtained by performing a plurality of set-reset operations, each set-reset operation comprising the setting step and the resetting step.

6. (Amended) A driving method for an electro-optical device according to ~~one of claims and 4 5,~~ claim 4, wherein the time interval between the setting step and the resetting step for each of the plurality of set-reset operations is completely different from each other, and the ratio of time intervals for the plurality of set-reset operations is set to be about 1:2: .. :2^n (n is an integer of one or more) based on the minimum time interval.

7. (Amended) A driving method for an electro-optical device according to ~~any one of claims 1 to 6,~~ claim 1, wherein the set signal is a signal for setting the conducting state for the driving transistor rather than the signal for selecting the conducting state or the non-conducting state of the driving transistor.

8. (Amended) A driving method for an electro-optical device according to ~~any one of claims 1 to 7,~~ claim 1, wherein the electro-optical element comprises an organic electro-luminescence element.

9. (Amended) An electro-optical device driven by the driving method set forth in ~~any one of claims 1 to 8.~~ claim 1.

13. (Amended) An electro-optical device according to ~~any one of claims 10 to 12,~~ claim 10, wherein the electro-optical element comprises an organic electro-luminescence element.

14. (Amended) An electronic apparatus in which the electro-optical device set forth in ~~any one of claims 9 to 13~~ claim 9 is installed.